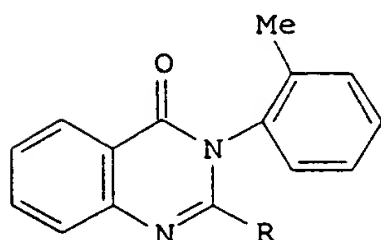


9/724,778

→ L8 ANSWER 53 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1977:83505 CAPLUS
 DOCUMENT NUMBER: 86-83505
 TITLE: Synthesis and central nervous system activity of
 quinazolones related to 2-methyl-3-(o-tolyl)-4(3H)-
 quinazolinone (methaqualone)
 AUTHOR(S): Ager, I. R.; Harrison, D. R.; Kennewell, P. D.;
 Taylor, J. B.
 CORPORATE SOURCE: Roussel Lab., Covingham/Swindon/Wiltshire, Engl.
 SOURCE: J. Med. Chem. (1977), 20(3), 379-86
 CODEN: JMCMAR
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



I, R=CH₂F, HCl

II, R=CH₂SC(=NH)NH₂, HBr

AB A series of 71 title compds. was prepd. by condensation of
 acetylanthranilates with the appropriate arylamines, or by bromination of
 methaqualone [72-44-6] in the 2-Me group followed by displacement of the
 Br atom with Cl or F, or N, O, or S nucleophiles. Only the

2-fluoromethyl

deriv. (I) [61555-12-2] or certain isothiuronium salts, e.g.,
 2-[[3'-(o-tolyl)-4'(3'H)-oxoquinazolin-2'-yl]methylthiuronium bromide
 (II) [61554-89-0], which could be hydrolyzed in vivo to the
 2-mercaptomethyl deriv., [61555-13-3], had central nervous system
 depressant activity of the same magnitude as methaqualone. Activity of
 the compds. in mice was detd. by 5 tests, i.e., the loss of righting
 reflex, rotating drum test, antagonism of convulsions from max.
 electroshock and pentylenetetrazole, and antagonism of writhing from
 p-benzoquinone. Structure-activity relations are discussed.

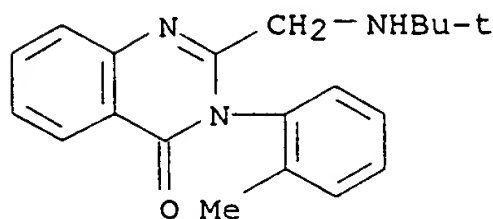
IT 61555-09-7

RL: BAC (Biological activity or effector, except adverse); BIOL
 (Biological study)

(central nervous system depressant activity of)

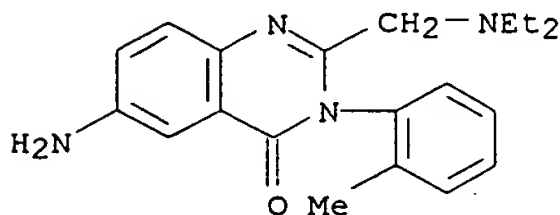
RN 61555-09-7 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[[(1,1-dimethylethyl)amino]methyl]-3-(2-
 methylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

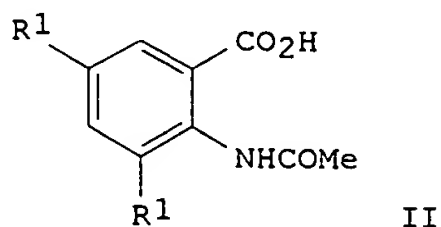
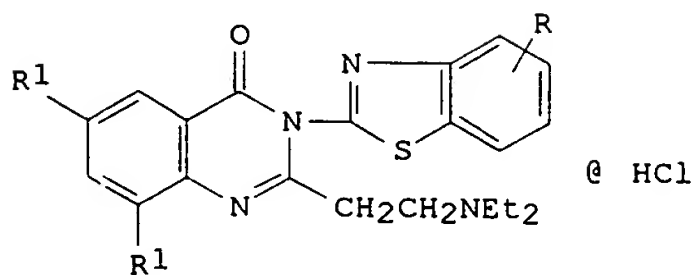


● HCl

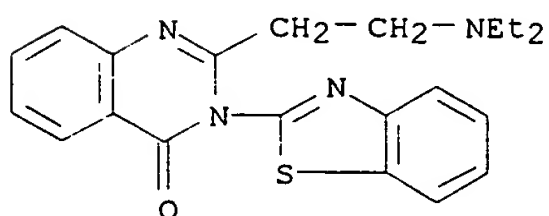
L8 ANSWER 49 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1980:426374 CAPLUS
 DOCUMENT NUMBER: 93:26374
 TITLE: Studies on biologically active halogenated compounds.
 II. Chemical modifications of
 6-amino-2-fluoromethyl-
 depressant 3-[o-tolyl]-4[3H]-quinazolinone and the CNS
 activities of related compounds
 AUTHOR(S): Tani, Junichi; Yamada, Yoshihisa; Ochiai, Takashi;
 Ishida, Ryuichi; Inoue, Ichizo; Oine, Toyonari
 CORPORATE SOURCE: Res. Lab., Tanabe Seiyaku Co., Ltd., Osaka, 532,
 Japan
 SOURCE: Chem. Pharm. Bull. (1979), 27(11), 2675-87
 CODEN: CPBTAL; ISSN: 0009-2363
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB A no. of derivs. of 6-amino-2-fluoromethyl-3-(o-tolyl)-4(3H)-quinazolinone
 (6-aminomethaqualone), a potent muscle relaxant, were prepd. and screened
 in terms of the loss of righting reflex test and the rotating rod test in
 mice. Several derivs. with addnl. F substitution or with repositioning
 of
 the F atom exhibited high activities. Other structural modification
 included acylation, carbamoylation, and alkoxycarbonylation of the
 6-amino
 group, hydroxylation at the 3-tolyl group, and replacement of the F atom
 at the 2-fluoromethyl group by O, N and S nucleophiles; these
 modification
 all resulted in loss of activity.
 IT 73832-37-8P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study);
 PREP (Preparation); USES (Uses)
 (prepn. and antidepressant activity of)
 RN 73832-37-8 CAPLUS
 CN 4(3H)-Quinazolinone, 6-amino-2-[(diethylamino)methyl]-3-(2-methylphenyl)-
 (9CI) (CA INDEX NAME)



→ ACCESSION NUMBER: 1982:6681 CAPLUS
 DOCUMENT NUMBER: 96:6681
 TITLE: Synthesis of some new 4(3H)-quinazolinones as potential fungicides
 AUTHOR(S): Chaurasia, M. R.; Sharma, Surendra K.; Kumar, Sunil
 CORPORATE SOURCE: Dep. Chem., D.A.V. Coll., Dehra Dun, 248 001, India
 SOURCE: Curr. Sci. (1981), 50(19), 841-3
 CODEN: CUSCAM; ISSN: 0011-3891
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

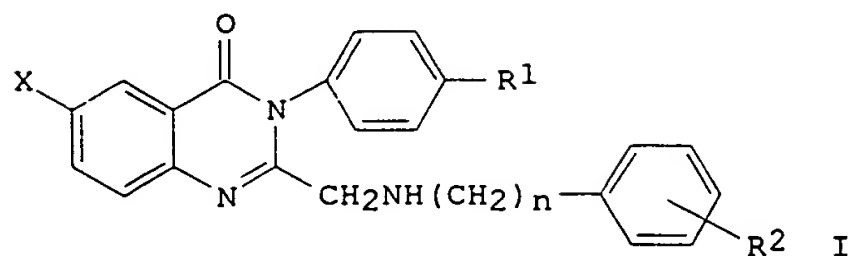


AB Benzothiazolylquinazolines I (R = H, 4-, 5-, 6-Me, 4-, 5-, 6-Cl, 6-MeO, 6-EtO, R1 = H, Br) were prepd. in 32-71% yields by cyclocondensation of
 II in the presence of an appropriate 2-aminobenzimidazole to give intermediates (no data) which were condensed with CH2O and Et2NH.HCl. I inhibited *Aspergillus niger* and *Draschlera australiensis*.
 IT 80144-66-7P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (prepn. and fungicidal activity of)
 RN 80144-66-7 CAPLUS
 CN 4(3H)-Quinazolinone, 3-(2-benzothiazolyl)-2-[2-(diethylamino)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

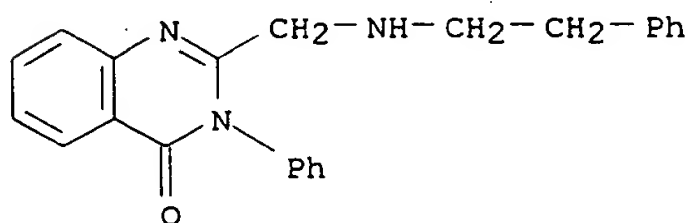


→ L8 ANSWER 42 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1985:142800 CAPLUS
 DOCUMENT NUMBER: 102:142800
 TITLE: Acetylcholinesterase and succinate dehydrogenase
 inhibitory activity of trisubstituted quinazolones
 AUTHOR(S): Kumar, Pradeep; Ahmad, S.; Bhargava, K. P.; Shanker,
 K.
 CORPORATE SOURCE: Dep. Pharmacol. Ther., King George's Med. Coll.,
 Lucknow, India
 SOURCE: Indian Drugs (1985), 22(4), 202-4

CODEN: INDRBA; ISSN: 0019-462X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



AB The inhibitory activities of 16 2-(arylalkylamino)methyl-3-aryl-6-substituted-4-(3H)quinazolones I ($R_1 = H, Cl, \text{ or } OMe; R_2 = Cl, Me, \text{ or } OMe;$
 $X = H \text{ or } I; n = 1 \text{ or } 2$) against acetylcholinesterase [9000-81-1] and succinate dehydrogenase [9002-02-2] were detd. Structure-activity relations are discussed.
 IT 19062-63-6D, derivs.
 RL: BIOL (Biological study)
 (acetylcholinesterase and succinic dehydrogenase inhibition by)
 RN 19062-63-6 CAPLUS
 CN 4(3H)-Quinazolinone, 3-phenyl-2-[[(2-phenylethyl)amino]methyl]- (9CI)
 (CA INDEX NAME)



L8 ANSWER 56 OF 57 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1968:442637 CAPLUS

DOCUMENT NUMBER: 69:42637

TITLE: Effect of some newer monoamine oxidase inhibitors on catechol amine induced pressor responses

AUTHOR(S): Gupta, T. K.; Kohli, R. P.; Parmar, Surendra S.; Arora, R. C.

CORPORATE SOURCE: K. G. Med. Coll., Lucknow Univ., Lucknow, India

SOURCE: Jap. J. Pharmacol. (1968), 18(2), 169-74

CODEN: JJPAAZ

DOCUMENT TYPE: Journal

LANGUAGE: English

AB At doses of 5 mg./kg., 2-ethylhydrazino-3-phenyl-4-quinazolone (QZH-2), 2-methyl-3(2')-benzoylhydrazino-4-quinazolone (QZH-3), and 2-methyl-3(4')-benzoylhydrazino-6-bromo-4-quinazolone (QZH-6) potentiated the epinephrine- and norepinephrine-induced pressor responses in bilaterally vagotomized cats. However, at the same dosage, 2-methylhydrazino-3-phenyl-4-quinazolone (QZH-1), 2-methyl-3-(4')-benzoylhydrazino-4-quinazolone (QZH-4), 2-methyl-3(4')-benzoylhydrazino-6-chloro-4-quinazolone (QZH-5), and 2-methyl 3(4')-benzoylhydrazino-6-iodo-4-quinazolone (QZH-7) did not have such potentiating properties. There was no definite correlation between the potentiation of catechol amine responses by the various monoamine oxidase inhibitors and their in vitro monoamine oxidase-inhibitory activity.

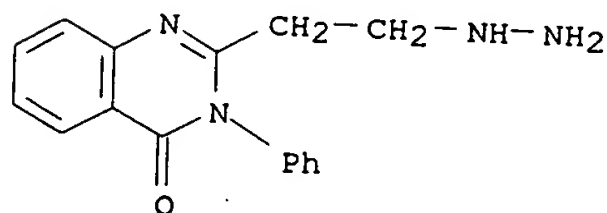
IT 15647-65-1

RL: BIOL (Biological study)

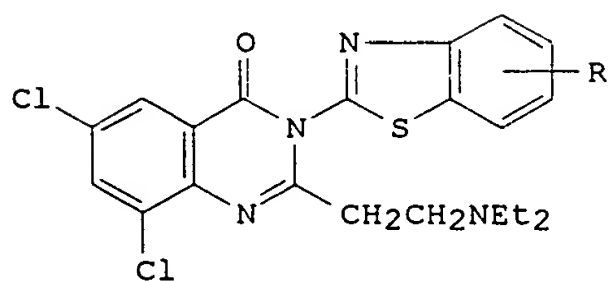
(blood pressure response to pyrocatechol amines and)

RN 15647-65-1 CAPLUS

CN 4(3H)-Quinazolinone, 2-(2-hydrazinoethyl)-3-phenyl- (8CI, 9CI) (CA INDEX NAME)



>L8 ANSWER 37 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1986:497416 CAPLUS
 DOCUMENT NUMBER: 105:97416
 TITLE: Synthesis and biological activities of certain derivatives of 3-aryl-4(3H)-quinazolinones. Part II
 AUTHOR(S): Rao, A. Devender; Shankar, C. Ravi; Reddy, P. Bhaghavan; Reddy, V. Malla
 CORPORATE SOURCE: Coll. Pharm. Sci., Kakatiya Univ., Warangal, 506 009, India
 SOURCE: J. Indian Chem. Soc. (1985), 62(3), 234-7
 CODEN: JICSAH; ISSN: 0019-4522



AB The title quinazolinones I (R = H, Me, Cl, OMe, OEt) were prepd. by treating 2-aminobenzothiazoles with 3,5-dichloroacetyl anthranilic acid followed by refluxing the product with paraformaldehyde and Et₂NH.HCl. The fungicidal activity of I against *Aspergillus fumigatus* and *Alternaria alternata* depended on their structure. Best inhibition of *Alternaria* growth was obtained with I (R = 4-Cl) [98256-90-7] and I (R = 6-OMe) [98256-92-9]; with *Aspergillus* highest inhibition was obtained with I (R

=

5-Cl) [98256-91-8].

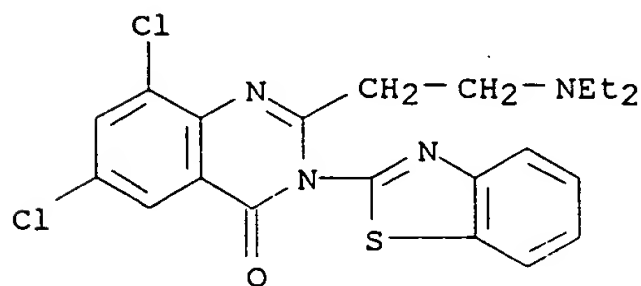
IT 98256-83-8P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study);
 PREP (Preparation); USES (Uses)

(prepn. and fungicidal activity of, structure in relation to)

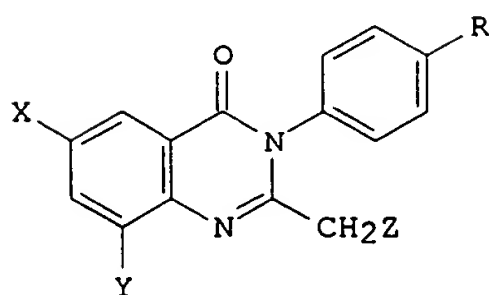
RN 98256-83-8 CAPLUS

CN 4(3H)-Quinazolinone, 3-(2-benzothiazolyl)-6,8-dichloro-2-[2-(diethylamino)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



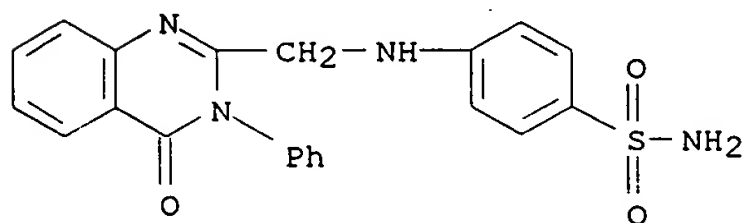
● HCl

→ L8 ANSWER 36 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1987:207516 CAPLUS
 DOCUMENT NUMBER: 106:207516
 TITLE: Synthesis and anticonvulsant activity of some new
 4(3H)-quinazolone derivatives
 AUTHOR(S): El-Nasser Ossman, Abdel Rahman; El-Sayed Barakat,
 Saber
 CORPORATE SOURCE: Fac. Pharm., Al-Azhar Univ., Cairo, Egypt
 SOURCE: Arch. Pharm. Chemi, Sci. Ed. (1986), 14(2), 37-43
 CODEN: AVPCCS; ISSN: 0302-248X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

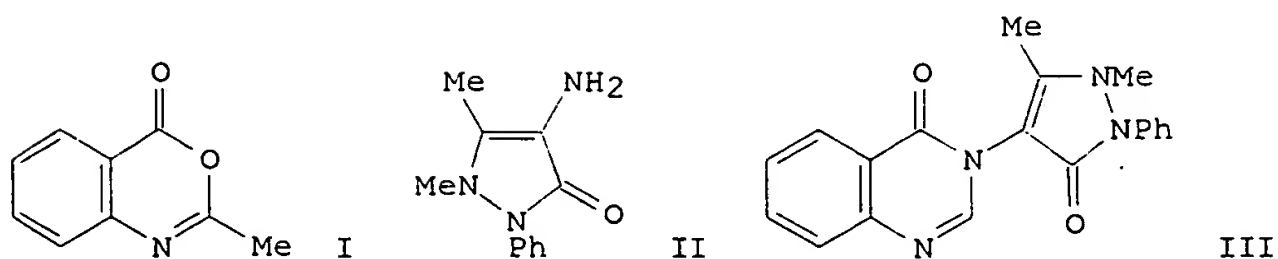


I, Z=NHC₆H₄SO₂NH₂-4
 II, Z=Br

AB Some new 2,3-disubstituted-4(3H)-quinazolones (I, X and Y = H or Br, and
 R = H, Br, Cl or NO₂) as potential anticonvulsants were prepd. by the
 N-bromosuccinimide bromination of 2-methyl-3-phenyl-4(3H)-quinazolones
 followed by the reaction of the resulting bromomethyl derivs. (II) with
 sulfanilamide [63-74-1].
 IT 108282-55-9P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study);
 PREP (Preparation); USES (Uses)
 (prepn. and anticonvulsant activity of)
 RN 108282-55-9 CAPLUS
 CN Benzenesulfonamide, 4-[[[(3,4-dihydro-4-oxo-3-phenyl-2-
 quinazolinyl)methyl]amino]- (9CI) (CA INDEX NAME)

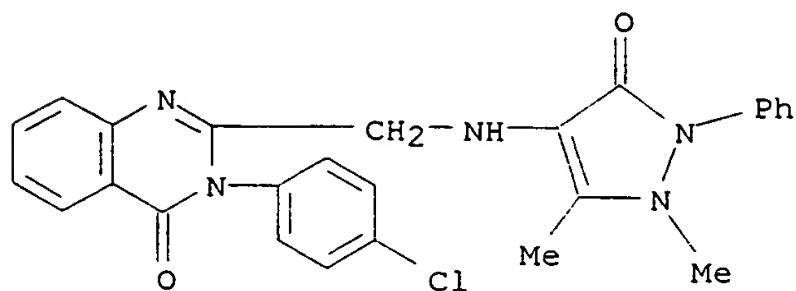


→ L8 ANSWER 31 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1991:122242 CAPLUS
 DOCUMENT NUMBER: 114:122242
 TITLE: Non-steroidal antiinflammatory agents. III: Synthesis of pyrazole derivatives of 4(3H)-quinazolinones
 AUTHOR(S): Farghaly, Ahmed M.; Chaaban, Ibrahim; Khalil, Mounir A.; Bekhit, Adnan A.
 CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
 SOURCE: Alexandria J. Pharm. Sci. (1990), 4(1), 52-6
 CODEN: AJPSES
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 114:122242
 GI



AB Several groups of compds. were synthesized having a pyrazole or pyrazoline moiety attached to 4(3H)-quinazolinone at the 2- or 3-position either directly or through different linkages. The linkages include methinamino, ethenyl, iminomethyl, aminomethyl or methinehydrazino grouping. Thus, acetanthranil (I) was treated with aminoantipyrine II to give 4(3H)-quinazolinone III. The antiinflammatory activity of representative examples of the products is reported.

IT 132111-60-5P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and antiinflammatory activity of)
 RN 132111-60-5 CAPLUS
 CN 4(3H)-Quinazolinone, 3-(4-chlorophenyl)-2-[[(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazol-4-yl)amino]methyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 28 OF 57 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1992:591731 CAPLUS

DOCUMENT NUMBER: 117:191731

TITLE: Synthesis and evaluation of 2-pyridinone derivatives as HIV-1-specific reverse transcriptase inhibitors.

2. Analogs of 3-aminopyridin-2(1H)-one

AUTHOR(S): Saari, Walfred S.; Wai, John S.; Fisher, Thorsten E.; Thomas, Craig M.; Hoffman, Jacob M.; Rooney, Clarence S.; Smith, Anthony M.; Jones, James H.; Bamberger, Dona L.; et al.

CORPORATE SOURCE: Dep. Med. Chem., Merck Res. Lab., West Point, PA, 19486-0004, USA

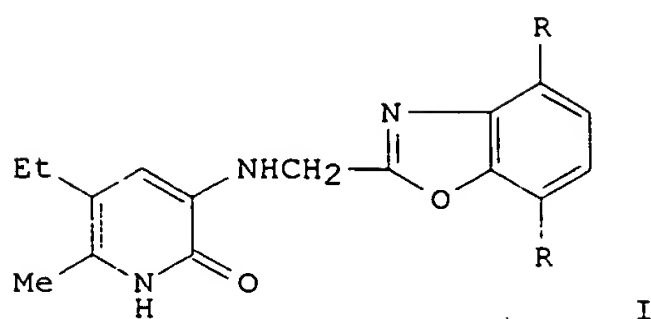
SOURCE: J. Med. Chem. (1992), 35(21), 3792-802

CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



AB A series of nonnucleoside 3-aminopyridine-2(1H)-one derivs. was synthesized and evaluated for HIV-1 RT inhibitory properties. Several analogs proved to be potent and highly selective antagonists with in vitro

IC50 values as low as 19 nM in the enzyme assay using rC.cntdot.dG as template.cntdot.primer. Two compds. from this series, benzoxazolylmethylaminopyridinones I (R = Me, Cl) inhibited the spread of HIV-1 IIb infection by 95% in MT4 cell culture at concns. of 25-50 nM

and

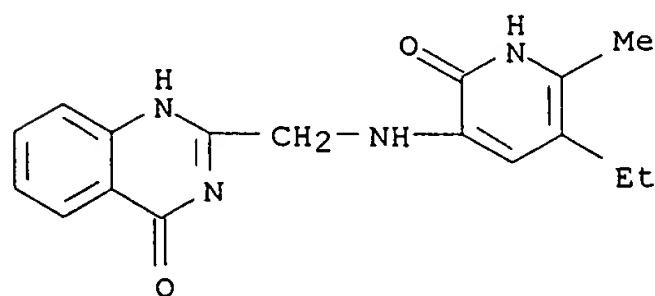
were selected for clin. trials as antiviral agents.

IT 143707-89-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and virucidal activity of)

RN 143707-89-5 CAPLUS

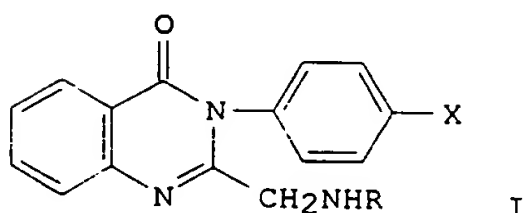
CN 4(1H)-Quinazolinone, 2-[[[(5-ethyl-1,2-dihydro-6-methyl-2-oxo-3-pyridinyl)amino]methyl]- (9CI) (CA INDEX NAME)



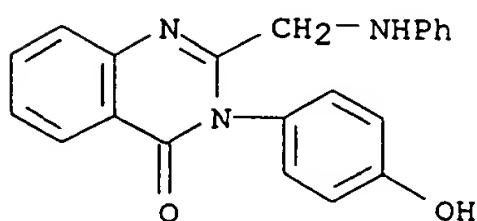
→ L8 ANSWER 27 OF 57 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:508675 CAPLUS.
DOCUMENT NUMBER: 121:108675
TITLE: 4(3H)-Quinazolones. Part I:
2-Alkyl/arylaminomethyl-3-

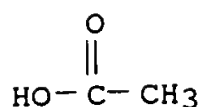
AUTHOR(S): p-hydroxy/methoxyphenyl-4(3H)-quinazolones
CORPORATE SOURCE: Parasharya, P. M.; Parikh, A. R.
SOURCE: Chem. Dep., Saurashtra Univ., Rajkot, 360 005, India
J. Inst. Chem. (India) (1992), 64(5), 184-5
CODEN: JOICA7; ISSN: 0020-3254
DOCUMENT TYPE: Journal

LANGUAGE: English
GI



AB The title compds. I (X = OH, OMe; R = alkyl, aryl) were prepd. by
amination of the 2-(bromomethyl) derivs. and tested for antibacterial
activity. Some I showed remarkable antibacterial activity.
IT 156672-31-0P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and antibacterial activity of)
RN 156672-31-0 CAPLUS
CN 4(3H)-Quinazolinone, 3-(4-hydroxyphenyl)-2-[(phenylamino)methyl]- (9CI)
(CA INDEX NAME)





→ L8 ANSWER 24 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1996:273045 CAPLUS
 DOCUMENT NUMBER: 124:331723
 TITLE: Quinazolylylthiazoles as CNS acting agents
 AUTHOR(S): Pandey, Vinod Kumar; Gupta, Manjusha
 CORPORATE SOURCE: Dep. Chem., Univ. Lucknow, Lucknow, 226 007, India
 SOURCE: Acta Pharm. (Zagreb) (1996), 46(1), 51-9
 CODEN: ACPHEE; ISSN: 1330-0075
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB Treatment of anthranilic acid with an aryl acid chloride in the presence of pyridine yielded 2-aryl-4-oxo-3,1-benzoxazine which on treatment with p-aminoacetophenone in the presence of anhyd. pyridine afforded 2-aryl-3-(p-acetylphenyl)-3,4-dihydro-4-oxo-quinazolines (I) in excellent yields. Reaction of I with thiosemicarbazide in the presence of ethanol resulted in 2-aryl-4-oxo-3,4-dihydro-quinazolylyl-3-[p-(acetophenone thiosemicarbazones)] (II) in the yields ranging from 60-65%. Reaction of II with acetophenone and iodine in glacial acetic acid yielded 2-aryl-4-oxo-3,4-dihydroquinazolylyl-3-[p-(5'-phenyl-3'-thiazolylyl)acetophenoneazines] in moderate yields; these compds. showed psychotropic activity without any toxicity (ALD50 values were > 1000 mg kg-1). Most of the compds. were also found to possess writhing effect while only one compd. exhibited hyperthermic activity. Four of such compds. showed promising CNS stimulant activity and two compds. were found

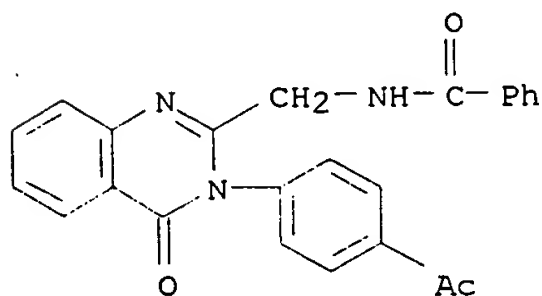
to exert CNS depressant activity.

IT 176772-15-9P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. and structure activity of quinazolylylthiazoles as central nervous system agents)

RN 176772-15-9 CAPLUS

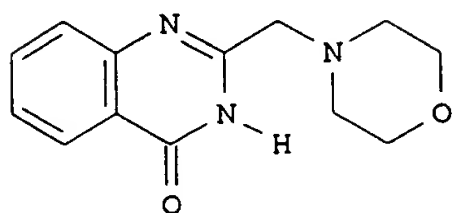
CN Benzamide,

N-[[3-(4-acetylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]methyl]-
 (9CI) (CA INDEX NAME)



ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 57 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:673737 CAPLUS
 DOCUMENT NUMBER: 132:35672
 TITLE: Synthesis and biological activity of some
 2-substituted quinazolin-4-ones
 AUTHOR(S): Spirkova, K.; Stankovsky, S.; Mrvova, A.; Cipak, L'.
 CORPORATE SOURCE: Department of Organic Chemistry, Faculty of Chemical
 Technology, Slovak University of Technology,
 Bratislava, SK-812 37, Slovakia
 SOURCE: Chem. Pap. (1999), 53(4), 272-275
 CODEN: CHPAEG; ISSN: 0366-6352
 PUBLISHER: Slovak Academic Press Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 132:35672
 GI



I

AB The nonclassical antifolates, e.g. 2-morpholinomethyl-3H-quinazolin-4-one
 (I), have been prepd. by nucleophilic substitution of bromine in
 2-bromomethyl-3H-quinazolin-4-one by nitrogen and oxygen nucleophiles.

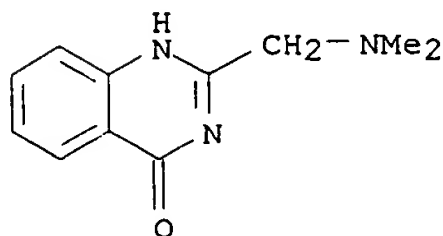
IR and 1H NMR spectra, 13C NMR data of selected compds., basic antibacterial
 and cytotoxic activities are presented.

IT 252570-57-3P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
 preparation); BIOL (Biological study); PREP (Preparation)
 (prepn. and biol. activity of quinazolinones as antibacterial and
 antitumor agents)

RN 252570-57-3 CAPLUS

CN 4(1H)-Quinazolinone, 2-[(dimethylamino)methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
 REFERENCE(S):

- 10
 (1) Gupta, C; J Med Chem 1968, V11, P392 CAPLUS
 (2) Horakova, K; Neoplasma 1988, V35, P169 CAPLUS

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1980:58712 CAPLUS

DOCUMENT NUMBER: 92:58712

TITLE: Study in nitrogen mustards, Part III. Synthesis of some 2-alkyl-3-aryl-4 (3H)-quinazolinone derivatives with nitrogen mustard moiety as possible antitumor agents

AUTHOR(S): Singh, Pritpal; Gupta, I. S.

CORPORATE SOURCE: Dep. Chem. Eng. Technol., Panjab Univ., Chandigarh, 160 014, India

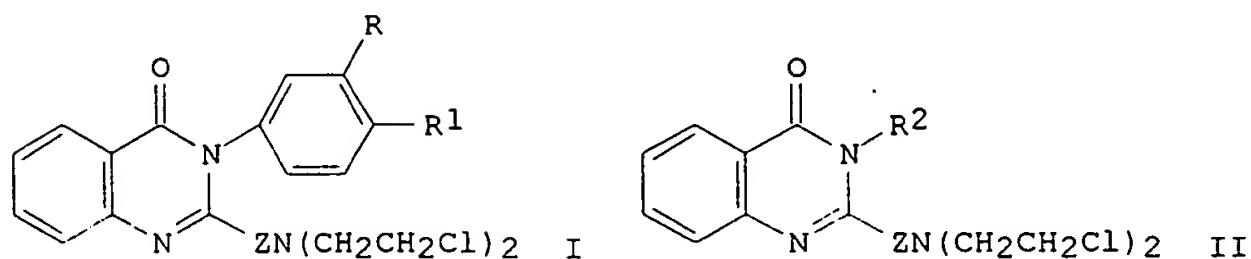
SOURCE: J. Indian Chem. Soc. (1979), 56(1), 77-80

CODEN: JICSAH; ISSN: 0019-4522

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



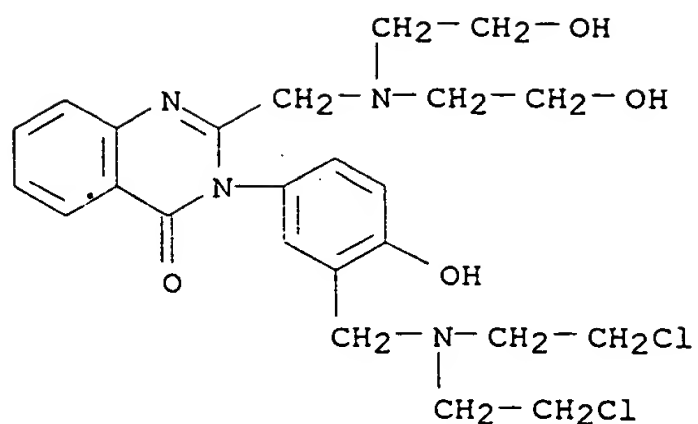
AB Title quinazolinones I [$Z = (CH_2)_n$ ($n = 0-2$), CHMe; $R = \text{e.g.}$ $CH_2N(CH_2CH_2OH)_2$, $CH_2NHCH_2CH_2Br$; $R_1 = OH$, OMe, OEt] (32 compds.) and II [$Z = (CH_2)_n$ ($n = 1, 2$), CHMe; $R_2 = CH_2CH_2N(CH_2CH_2X)_2$ ($X = Br, Cl, OH$), $SO_2C_6H_4N(CH_2CH_2Cl)_2$] (10 compds.) were prepd. from N-acyl anthranilates by condensing with anilines or hydrazides, resp. I and II contain mono or bifunctional nitrogen mustard groups attached to the quinazoline through an enzymatically-hydrolyzable linkage; they showed relatively low toxicity.

IT 72544-40-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and chlorination of)

RN 72544-40-2 CAPLUS

CN 4(3H)-Quinazolinone, 3-[3-[[bis(2-chloroethyl)amino]methyl]-4-hydroxyphenyl]-2-[[bis(2-hydroxyethyl)amino]methyl]- (9CI) (CA INDEX NAME)

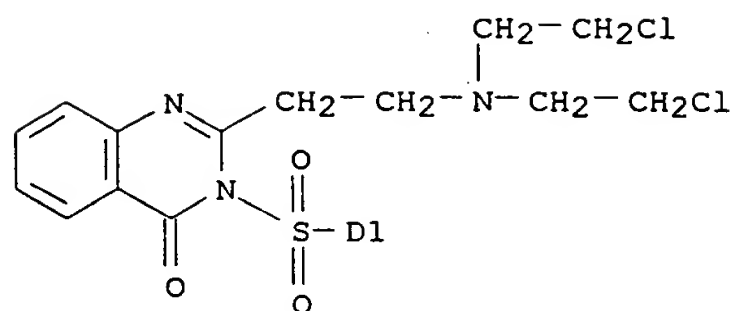
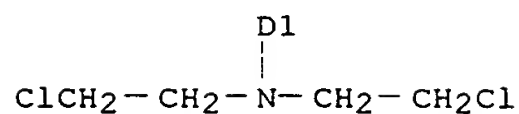
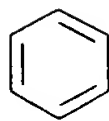


IT 72497-16-6P 72497-17-7P 72509-85-4P
 72544-41-3P 72544-45-7P 72544-46-8P
 72544-47-9P 72544-48-0P 72544-49-1P
 72544-50-4P 72544-51-5P 72544-52-6P
 72544-53-7P 72544-54-8P 72544-55-9P
 72544-56-0P 72544-57-1P 72544-58-2P
 72544-59-3P 72544-60-6P 72544-61-7P
 72544-62-8P 72544-63-9P 72544-64-0P
 72544-65-1P 72544-66-2P 72544-67-3P
 72544-68-4P 72544-69-5P 72544-70-8P
 72544-72-0P 72544-73-1P 72544-74-2P
 72544-75-3P 72544-76-4P 72544-77-5P
 72544-78-6P 72544-79-7P 72544-80-0P
 72544-81-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

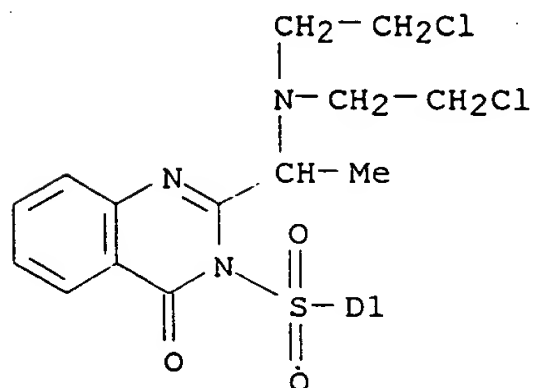
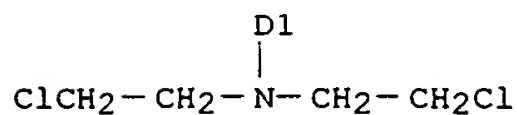
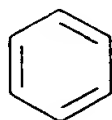
RN 72497-16-6 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[[[bis(2-chloroethyl)amino]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 72497-17-7 CAPLUS

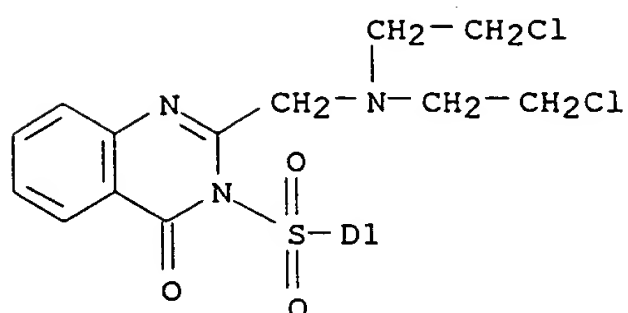
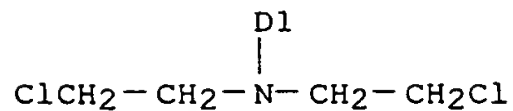
CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[[[bis(2-chloroethyl)amino]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 72509-85-4 CAPLUS

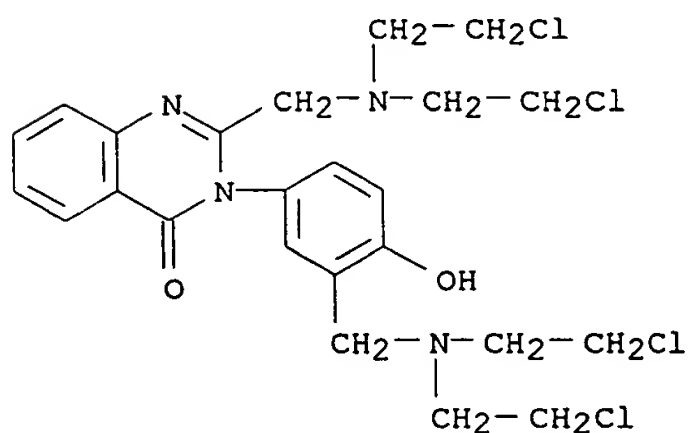
CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[[[bis(2-

chloroethyl)amino]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



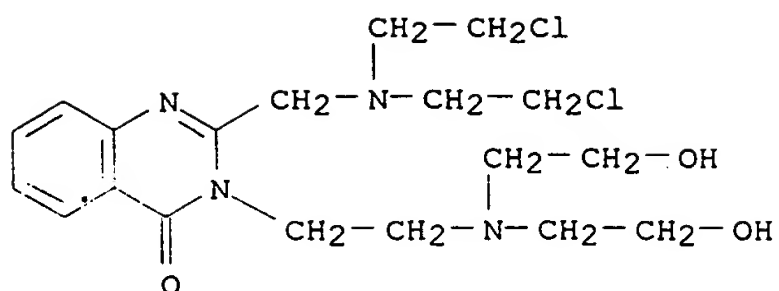
RN 72544-41-3 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)



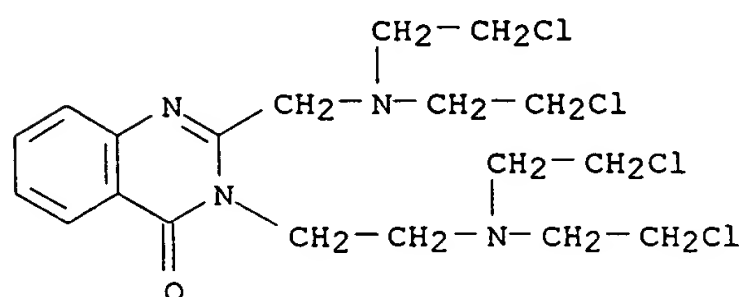
RN 72544-45-7 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[2-[[bis(2-chloroethyl)amino]ethyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)



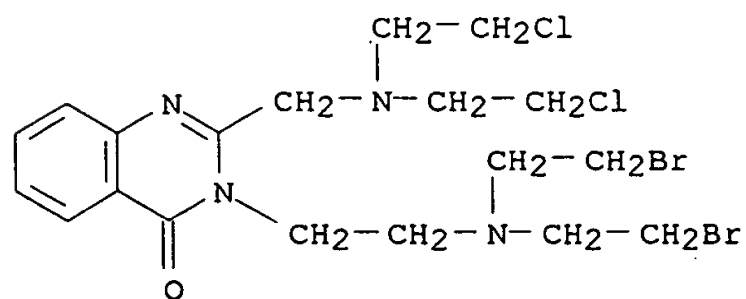
RN 72544-46-8 CAPLUS

CN 4(3H)-Quinazolinone, 3-[2-[bis(2-chloroethyl)amino]ethyl]-2-[[bis(2-chloroethyl)amino]methyl]- (9CI) (CA INDEX NAME)



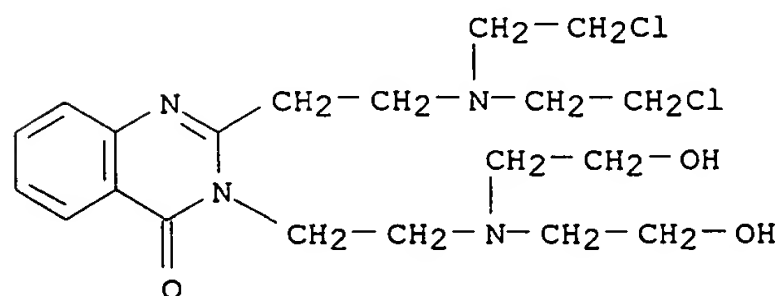
RN 72544-47-9 CAPLUS

CN 4(3H)-Quinazolinone, 3-[2-[bis(2-bromoethyl)amino]ethyl]-2-[[bis(2-chloroethyl)amino]methyl]- (9CI) (CA INDEX NAME)

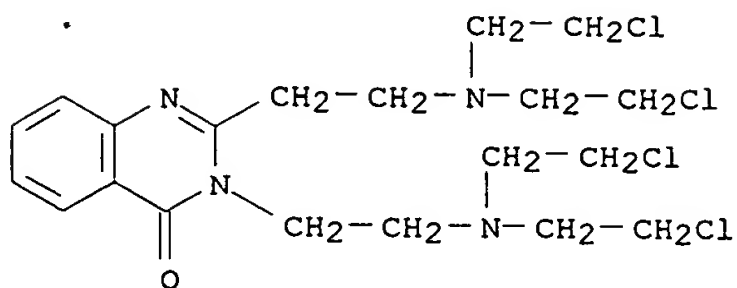


RN 72544-48-0 CAPLUS

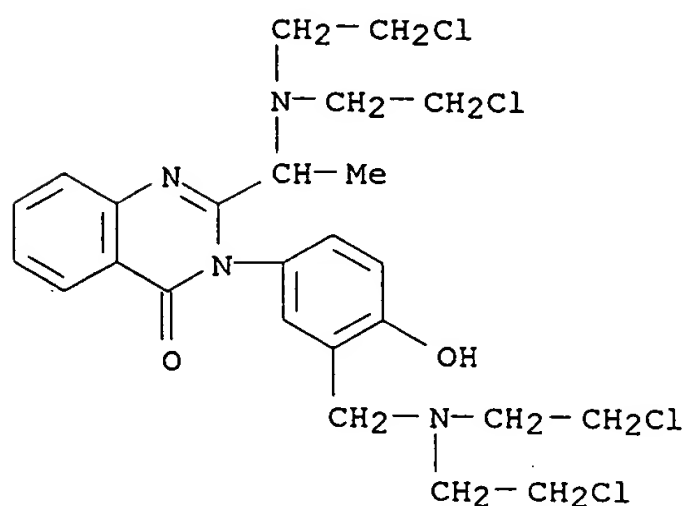
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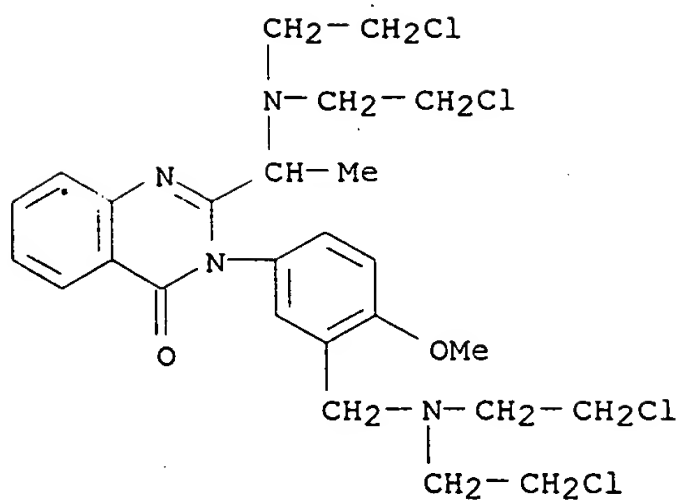
RN 72544-49-1 CAPLUS
 CN 4(3H)-Quinazolinone, 2,3-bis[2-[bis(2-chloroethyl)amino]ethyl]- (9CI)
 (CA INDEX NAME)



RN 72544-50-4 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)

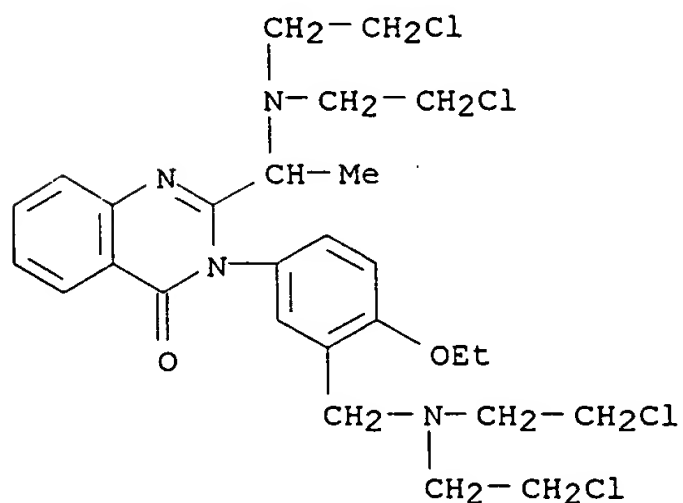


RN 72544-51-5 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



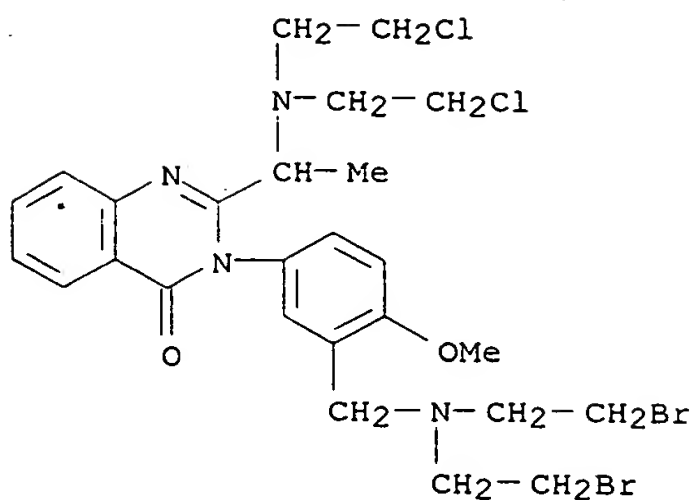
RN 72544-52-6 CAPLUS

CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



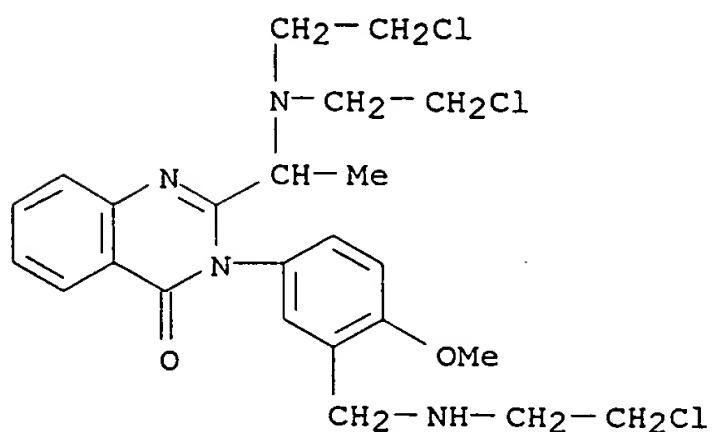
RN 72544-53-7 CAPLUS

CN 4(3H)-Quinazolinone, 3-[3-[[bis(2-bromoethyl)amino]methyl]-4-methoxyphenyl]-2-[1-[bis(2-chloroethyl)amino]ethyl]- (9CI) (CA INDEX NAME)



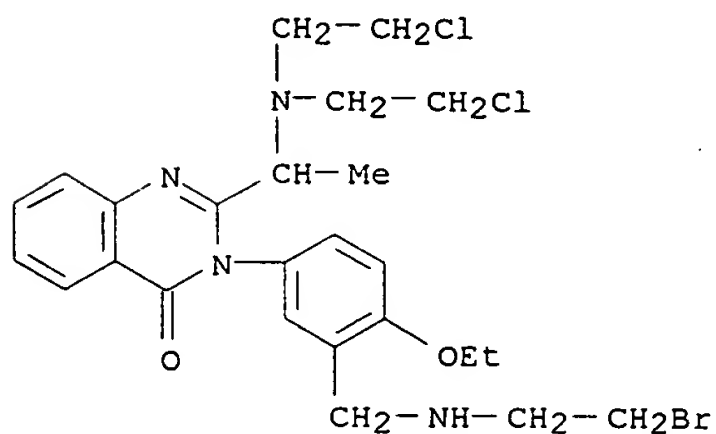
RN 72544-54-8 CAPLUS

CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[3-[(2-chloroethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



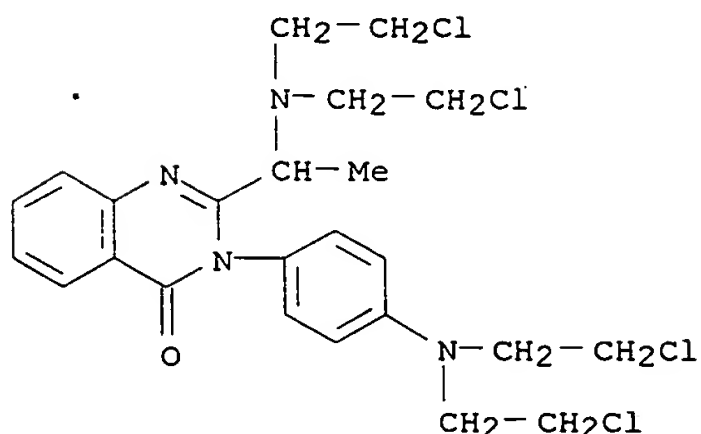
RN 72544-55-9 CAPLUS

CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[3-[(2-bromoethyl)amino]methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



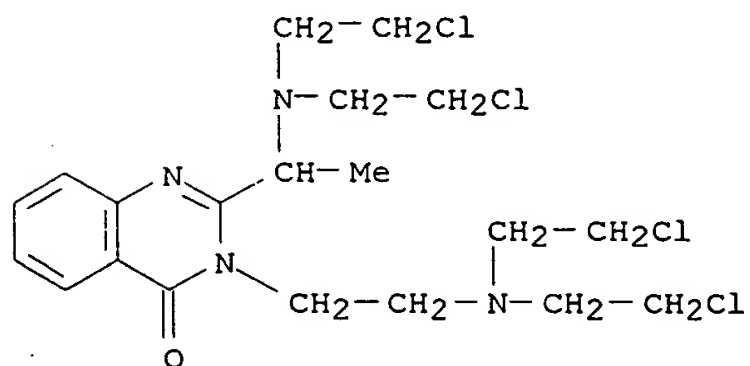
RN 72544-56-0 CAPLUS

CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[4-[bis(2-chloroethyl)amino]phenyl]- (9CI) (CA INDEX NAME)



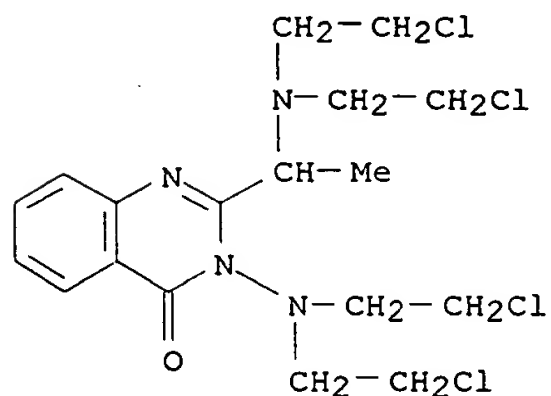
RN 72544-57-1 CAPLUS

CN 4(3H)-Quinazolinone, 2-[1-[bis(2-chloroethyl)amino]ethyl]-3-[2-[bis(2-chloroethyl)amino]ethyl]- (9CI) (CA INDEX NAME)



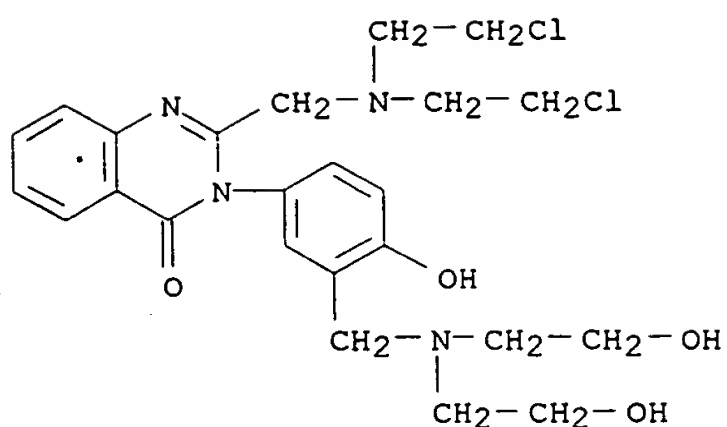
RN 72544-58-2 CAPLUS

CN 4(3H)-Quinazolinone, 3-[bis(2-chloroethyl)amino]-2-[1-[bis(2-chloroethyl)amino]ethyl]- (9CI) (CA INDEX NAME)



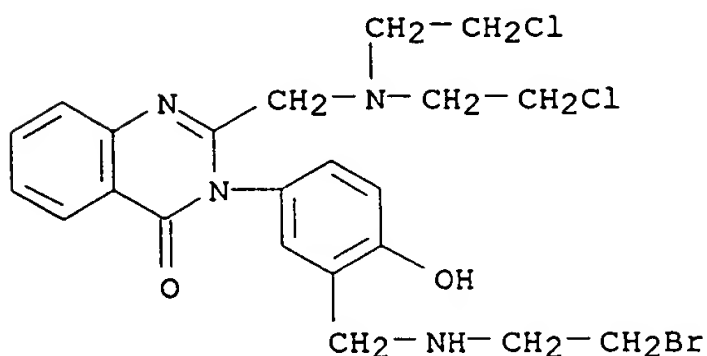
RN 72544-59-3 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[bis(2-hydroxyethyl)amino]methyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)



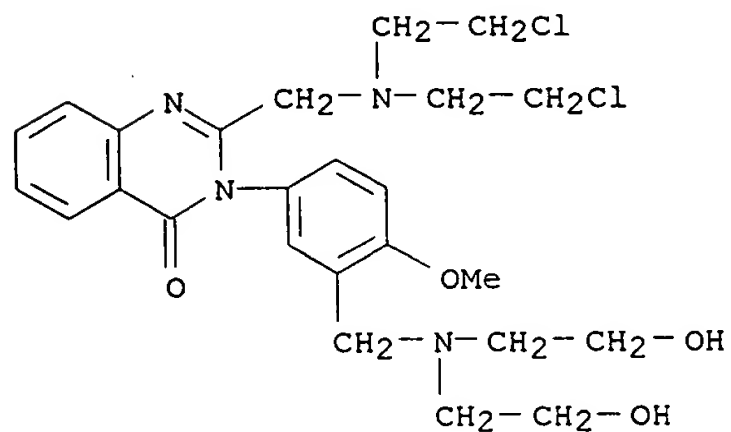
RN 72544-60-6 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[2-(2-chloroethyl)amino]methyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)



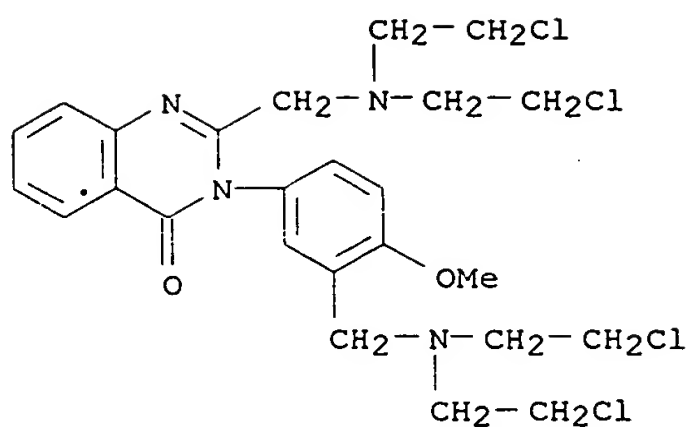
RN 72544-61-7 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[bis(2-hydroxyethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



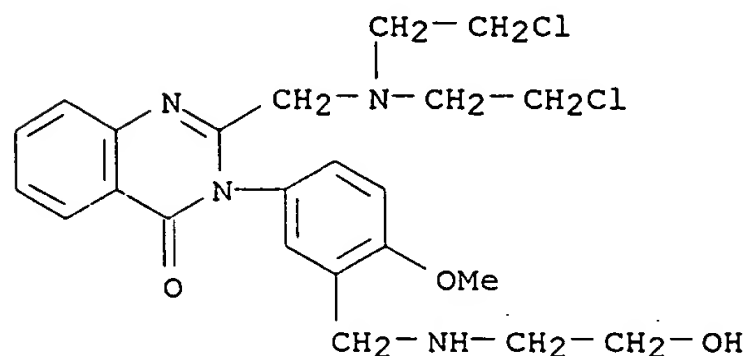
RN 72544-62-8 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



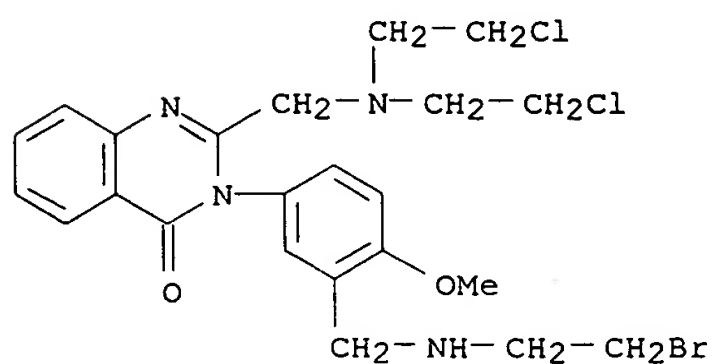
RN 72544-63-9 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[2-(2-chloroethoxyethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



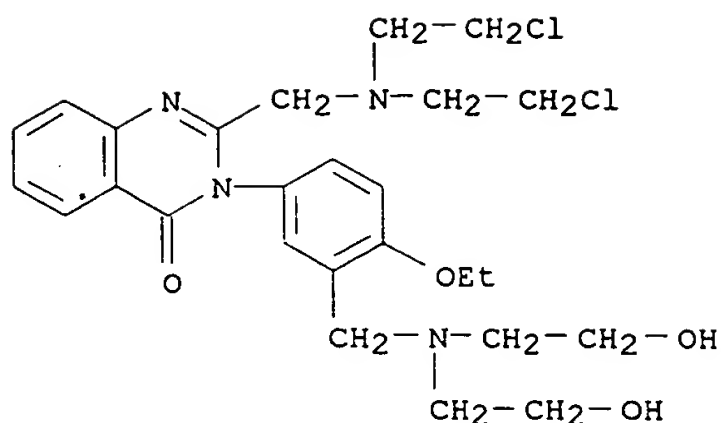
RN 72544-64-0 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[2-(2-bromoethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



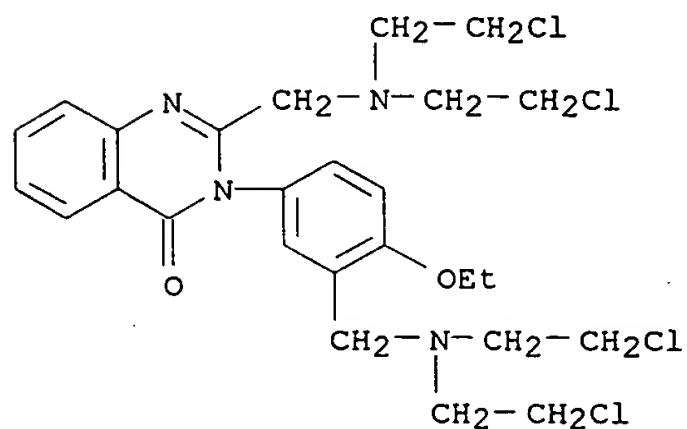
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CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[3-[[bis(2-hydroxyethyl)amino]methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



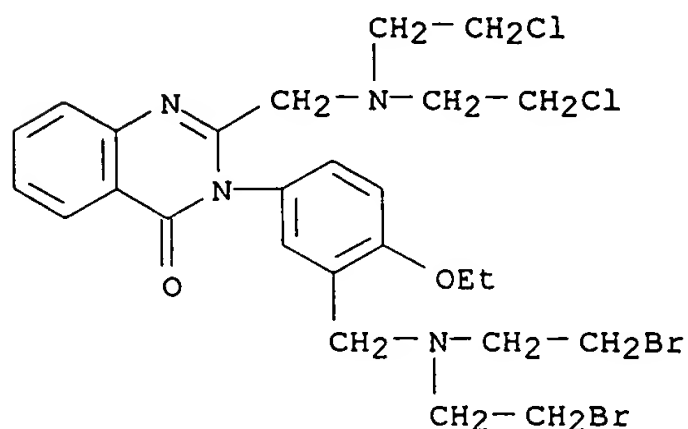
RN 72544-66-2 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-{3-[[bis(2-chloroethyl)amino]methyl]-4-ethoxyphenyl}- (9CI) (CA INDEX NAME)



RN 72544-67-3 CAPLUS

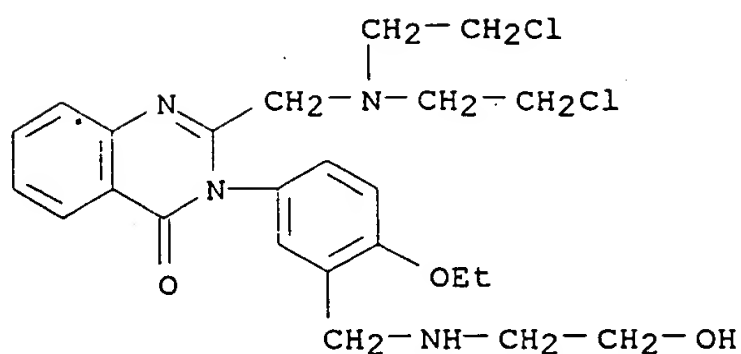
CN 4(3H)-Quinazolinone, 3-[3-[[bis(2-bromoethyl)amino]methyl]-4-ethoxyphenyl]-2-[[bis(2-chloroethyl)amino]methyl]- (9CI) (CA INDEX NAME)



RN 72544-68-4 CAPLUS

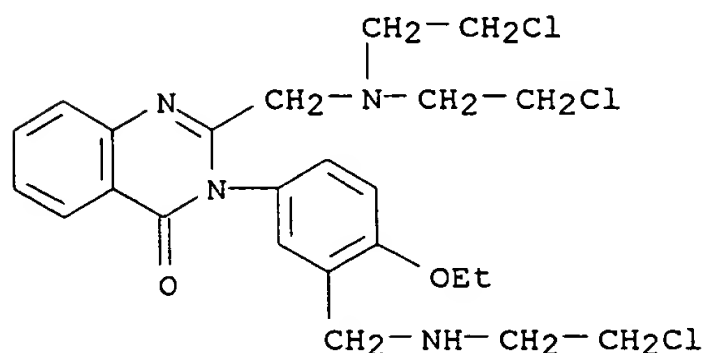
CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl)amino]methyl]-3-[4-ethoxy-3-

[[(2-hydroxyethyl) amino] methyl] phenyl] - (9CI) (CA INDEX NAME)



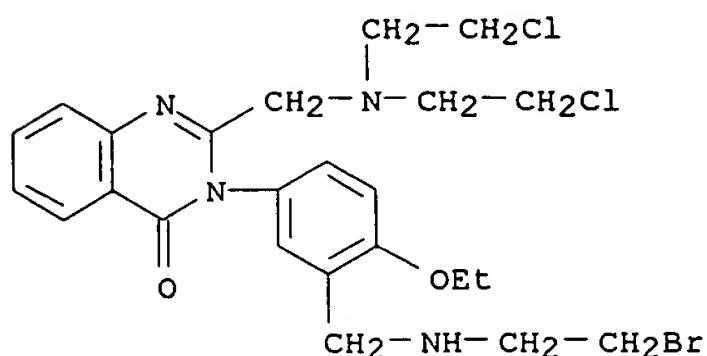
RN 72544-69-5 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl) amino] methyl]-3-[3-[[(2-chloroethyl) amino] methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



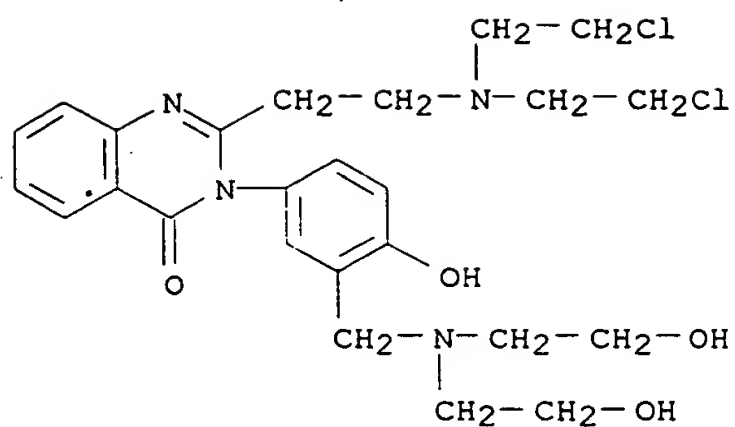
RN 72544-70-8 CAPLUS

CN 4(3H)-Quinazolinone, 2-[[bis(2-chloroethyl) amino] methyl]-3-[3-[[(2-bromoethyl) amino] methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



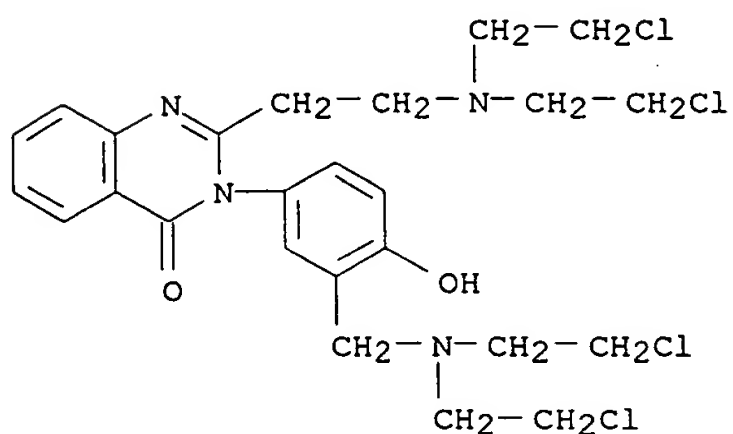
RN 72544-72-0 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl) amino] ethyl]-3-[3-[[bis(2-hydroxyethyl) amino] methyl]-4-hydroxyphenyl]- (9CI) (CA INDEX NAME)



RN 72544-73-1 CAPLUS

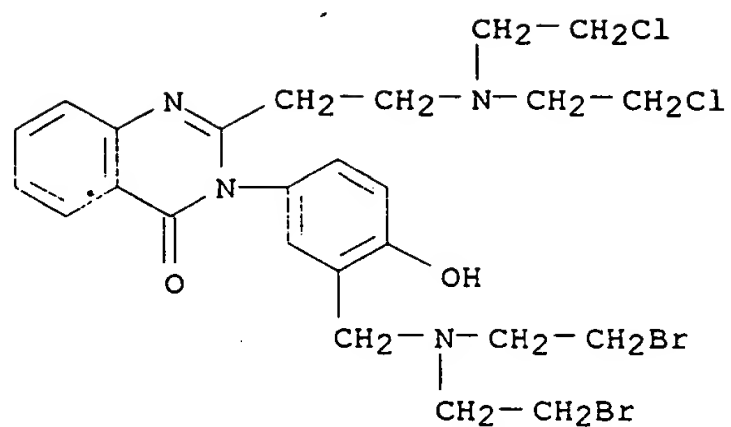
CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-hydroxyphenyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

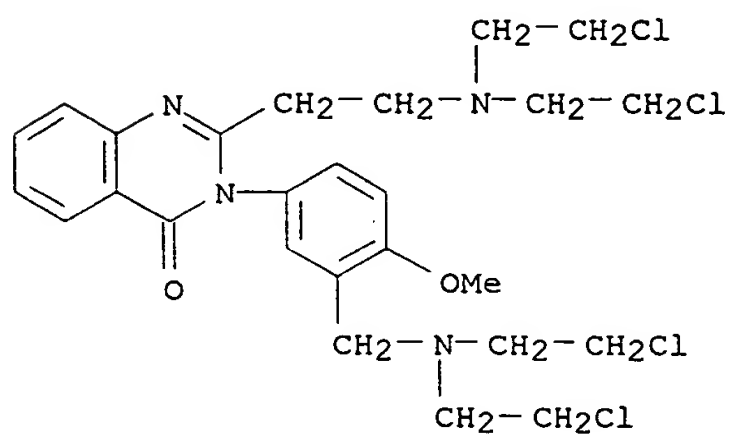
RN 72544-74-2 CAPLUS

CN 4(3H)-Quinazolinone, 3-[3-[[bis(2-bromoethyl)amino]methyl]-4-hydroxyphenyl]-2-[2-[bis(2-chloroethyl)amino]ethyl]- (9CI) (CA INDEX NAME)



RN 72544-75-3 CAPLUS

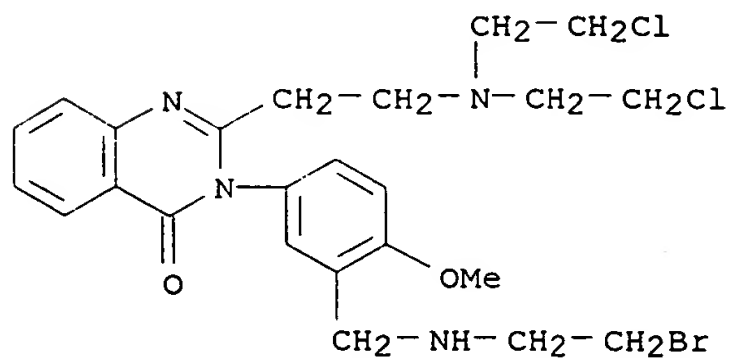
CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-methoxyphenyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

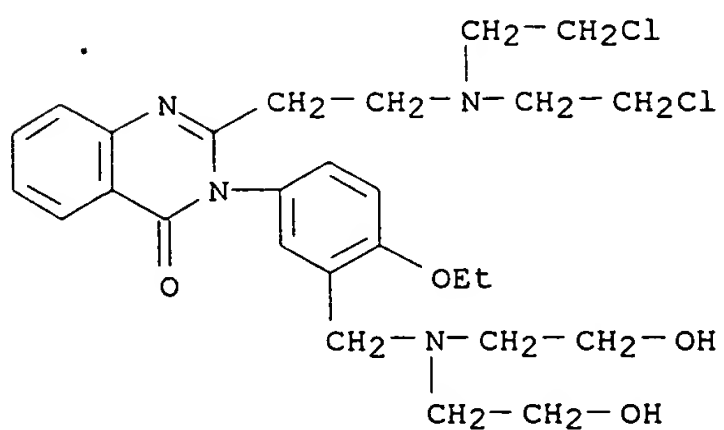
RN 72544-76-4 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-methoxyphenyl]- (9CI) (CA INDEX NAME)



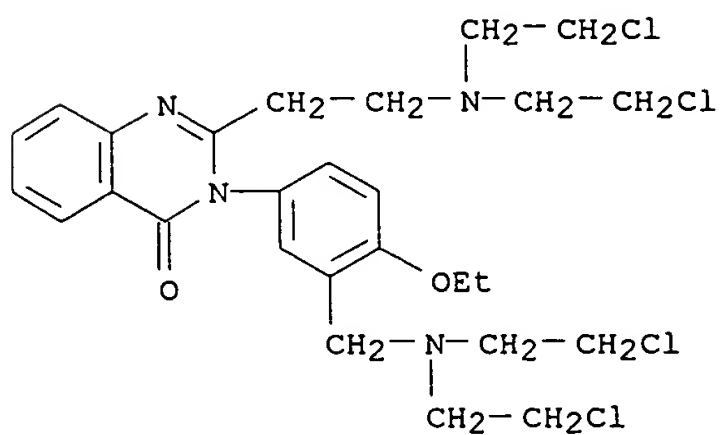
RN 72544-77-5 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-hydroxyethyl)amino]methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



RN 72544-78-6 CAPLUS

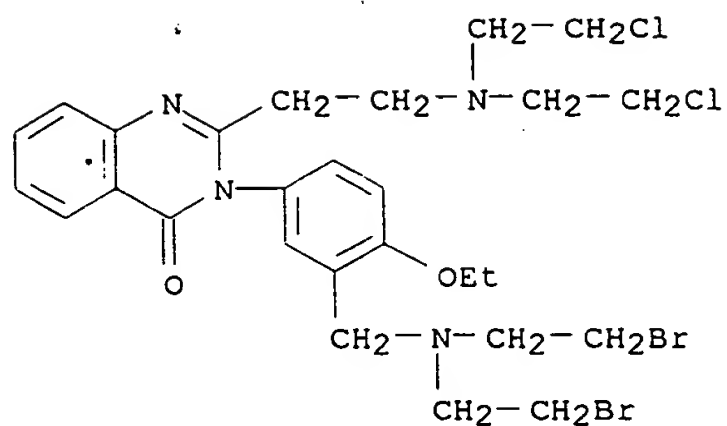
CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[bis(2-chloroethyl)amino]methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



RN 72544-79-7 CAPLUS

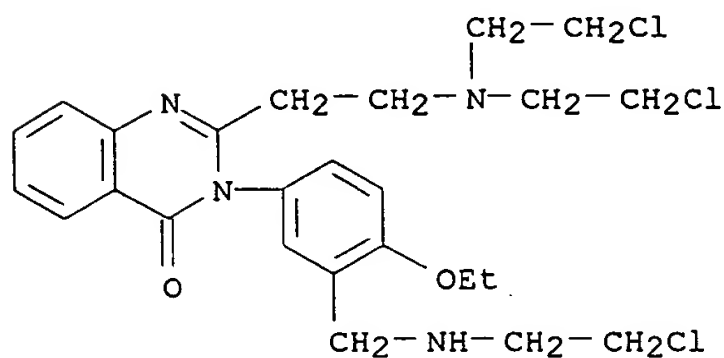
CN 4(3H)-Quinazolinone, 3-[3-[[bis(2-bromoethyl)amino]methyl]-4-ethoxyphenyl]-2-[2-[bis(2-chloroethyl)amino]ethyl]- (9CI) (CA INDEX NAME)

09/ 669,047



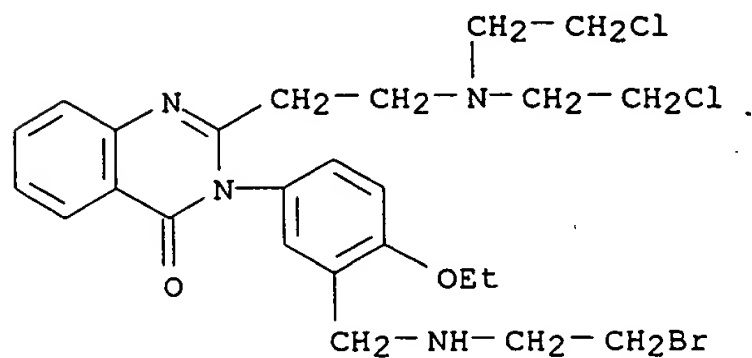
RN 72544-80-0 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[2-chloroethyl)amino)methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



RN 72544-81-1 CAPLUS

CN 4(3H)-Quinazolinone, 2-[2-[bis(2-chloroethyl)amino]ethyl]-3-[3-[[2-bromoethyl)amino)methyl]-4-ethoxyphenyl]- (9CI) (CA INDEX NAME)



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